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Sequence Range: 1 to 4500

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GTGAGCGACTAACCAGCGACGAGCGCGCCAGAGGACCCACTGCCCTTGCGCCATCGGACG
H S L I G R C S R G L L G D G N A V A C>

TTGGTGGAGACCGGTGCGCCTGCGTACTTCATAGTTCGCGTAGCGGCTCGAGCGTGGAG
AACCACCTCTGGCCACGCGGACGCATGAAGTATCAAGCGCATCGCCGAGCTCGCACCTC
L V E T G C A C V L H S S R S G S S V E>

ATGAAGCGTATTTTCTCACTGCTAGAAAAGACTTGGCTTGGCGCACCAATACAGTTTGCC
TACTTCGCATAAAAGAGTGACGATCTTTTCTGAACCGAACCGCGTGGTTATGTCAAACGG
M K R I F S L L E K T W L G A P I Q F A>

TGGCAAAAACATCAGGAACTACCTTGCAGTAACAGGAGCTGATTATATTGTGAAAATC
ACCGTTTTTTGTAGTCCTTTGATGGAACGTCATTGTCCTCGACTAATATAACACTTTTAG
W Q K T S G N Y L A V T G A D Y I V K I>

TTTGATCGCCATGGTCAAAAAGAAGTGAAATTAACCTTACCTGGTAACCTGTGTTGCCATG
AACTAGCGGTACCAGTTTTTCTTCACTTTAATTGAATGGACCATTGACACAACGGTAC
F D R H G Q K R S E I N L P G N C V A M>

GATTGGGATAAAGATGGAGATGTCCTAGCAGTGATTGCTGAGAAATCTAGCTGCATTTAT
CTAACCTATTTCTACCTCTACAGGATCGTCACCTAACGACTCTTTAGATCGACGTAAATA
D W D K D G D V L A V I A E K S S C I Y>

CTTTGGGATGCCAACACAAATAAGACCAGCCAGTTAGACAATGGCATGAGGGATCAAATG
GAAACCCTACGGTTGTGTTTATTCTGGTCGGTCAATCTGTTACCGTACTCCCTAGTTTAC
L W D A N T N K T S Q L D N G M R D Q M>

TCTTTCCTTCTTTGGTCAAAAGTTGGAAGTTTCCTGGCTGTTGGAAGTGTAAAGGAAAT
AGAAAGGAAGAAACAGTTTTCAACCTTCAAAGGACCGACAACCTTGACAATTTCTTTA
S F L L W S K V G S F L A V G T V K G N>

Figure 1A

490 500 510 520 530 540
TTGSTATTATATAATCATCAGACATCTCGAAAGATTCCTGTCCTTGGAACATACTAAG
AACSAATAAATATTAGTAGTCTGTAGAGCTTTCTAAGGACAGGAACCTTTTGTATGATTC
L X I Y N H Q T S R K I P V L G K H T K>

550 560 570 580 590 600
AGAATCACTTGTGGATGTTGGAATGCAGAAAATCTGCTGCTTTAGGTGGTGAAGATAAA
TCTTAGTGAACACCTACAACCTTACGTCTTTAGACGRACGAAATCCACCACTTCTATTT
R I T C G C W N A E N L X A L G G E D K>

610 620 630 640 650 660
ATGATTACAGTTAGTAATCAGGAAGGTGACACGATAAGACAGACACAAGTGAGATCAGAG
TACTAATGTCAATCATTAGTCCTTCCACTGTGCTATTCTGTCTGTGTTCACTCTAGTCTC
M I T V S N Q E G D T I R Q T Q V R S E>

670 680 690 700 710 720
CCTAKCAACATGCAGTTTTTTCTTGATGAAGATGGATGACCGAACCTCTGCTGCTGAAAGC
GGATMGTTGTACGTCAAAAAGAACTACTTCTACCTACTGGCTTGGAGACGACGACTTTCG
P X N M Q F F L M K M D D R T S A A E S>

730 740 750 760 770 780
ATGATAAGTGTGGTGCTTGGCAAGAAAACCTTTGTTTTTTTAAATCTGAATGAACCAGAT
TACTATTCACACCACGAACCGTTCTTTTGAAACAAAAAAATTTAGACTTACTTGGTCTA
M I S V V L G K K T L F F L N L N E P D>

790 800 810 820 830 840
AACCCAGCTGATCTTGAATTTTCAGCAGGACTTTGGCAACATTGTCTGCTATAATTGGTAT
TTGGGTCGACTAGAACTTAAAGTCGTCCTGAAACCGTTGTAACAGACGATATTAACCATA
N P A D L E F Q Q D F G N I V C Y N W Y>

850 860 870 880 890 900
GGTGATGGCCGCATCATGATTGGTTTTTCATGTGGACATTTTGTGGTCATTTCTACTCAT
CCACTACCGGCGTAGTACTAACCACAAAAGTACACCTGTAAACACCAGTAAAGATGAGTA
G D G R I M I G F S C G H F V V I S T H>

910 920 930 940 950 960
ACTGGAGAGCTTGGTCAAGAGATATTTTCAGGCTCGTAACCATAAAGATAATCTAACCAGC
TGACCTCTCGAACCAGTTCTCTATAAAGTCCGAGCATTGGTATTTCTATTAGATTGGTCG
T G E L G Q E I F Q A R N H K D N L T S>

Figure 1B

970 980 990 1000 1010 1020
 ATTGCAGTATCACAGACTCTTAACAAAGTTGCTACATGTGGAGATAACTGCATTAAATC
 TAACGTCATAGTGTCTGAGAATTGTTTCAACGATGTACACCTCTATTGACGTAATTTTAG
 I A V S Q T L N K V A T C G D N C I K I>

1030 1040 1050 1060 1070 1080
 CAAGACTTGGTTGACTTAAAAGACATGTATGTTATACTCAACCTGGATGAGGAAAATAAA
 GTTCTGAACCAACTGAATTTTCTGTACATACAATATGAGTTGGACCTACTCCTTTTATTT
 Q D L V D L K D M Y V I L N L D E E N K>

1090 1100 1110 1120 1130 1140
 GGATTGGGTACCTTGTCTGGACTGATGATGGCCAGTTGCTAGCACTCTCTACCCAAAGG
 CCTAACCCATGGAACAGGACCTGACTACTACCGGTCAACGATCGTGAGAGATGGGTTTCC
 G L G T L S W T D D G Q L L A L S T Q R>

1150 1160 1170 1180 1190 1200
 GGCTCACTTCATGTTTTCTGACCAAGCTTCCCATACTTGGGGATGCCTGCAGCACAAGG
 CCGAGTGAAGTACAAAAGGACTGGTTCGAAGGGTATGAACCCCTACGGACGTCGTGTTCC
 G S L H V F L T K L P I L G D A C S T R>

1210 1220 1230 1240 1250 1260
 ATTGCCTATCTCACCTCCCTCCTTGAAGTCACCGTAGCCAACCCTGTTGAAGGAGAGCTA
 TAACGGATAGAGTGGAGGGAGGAACTTCAGTGGCATCGGTTGGGACAACTTCTCTCGAT
 I A Y L T S L L E V T V A N P V E G E L>

1270 1280 1290 1300 1310 1320
 CCAATCACAGTTTCTGTTGATGTGGAACCCAACTTTGTGGCAGTAGGTCTTTATCATCTG
 GGTTAGTGTCAAAGACAACCTACACCTTGGGTTGAAACACCGTCATCCAGAAATAGTAGAC
 P I T V S V D V E P N F V A V G L Y H L>

1330 1340 1350 1360 1370 1380
 GCTGTAGGAATGAATAATCGAGCTTGGTTTTATGTCCTTGGAGAAAATGCTGTGAAAAAA
 CGACATCCTTACTTATTAGCTCGAACC AAAATACAGGAACCTCTTTTACGACACTTTTTT
A V G M N N R A W F Y V L G E N A V K K>

1390 1400 1410 1420 1430 1440
 TTGAAAGATATGGAGTATCTGGGAACAGTAGCCAGTATTTGCCTTCATTCTGACTATGCT
 AACTTTCTATACCTCATAGACCCTTGTATCGGTCATAAACGGAAGTAAGACTGATACGA
 L K D M E Y L G T V A S I C L H S D Y A>

Figure 1C

1450 1460 1470 1480 1490 1500
GCTGCACTTTTTGAAGGCAAAGTCCAGTTACATTTGATAGAAAGCGAAATCTTGGATGCT
CGACGTGAAAAACTTCCGTTTCAGGTCAATGTAACTATCTTTCGCTTTAGAACCTACGA
A A L F E G K V Q L H L I E S E I L D A>

1510 1520 1530 1540 1550 1560
CAAGAAGAACGTGAGACTCGGCTTTTCCCAGCAGTGGATGATAAGTGCCGTATCTTATGC
GTTCTTCTTGCACTCTGAGCCGAAAAGGGTCGTCACCTACTATTACGGCATAGAATACG
Q E E R E T R L F P A V D D K C R I L C>

1570 1580 1590 1600 1610 1620
CATGCCTTAACTAGTGATTTCCCTCATCTATGGTACAGATACTGGTGTCTGTTTCACTATTTT
GTACGGAATTGATCACTAAAGGAGTAGATACCATGTCTATGACCACAGCAAGTCATAAAG
H A L T S D F L I Y G T D T G V V Q Y F>

1630 1640 1650 1660 1670 1680
TACATTGAAGACTGGCAATTCGTTAATGATTATCGACATCCTGTCAGTGTGAAAAAGATT
ATGTAACCTCTGACCGTTAAGCAATTACTAATAGCTGTAGGACAGTCACACTTTTTCTAA
Y I E D W Q F V N D Y R H P V S V K K I>

1690 1700 1710 1720 1730 1740
TTTCCCGACCCAAATGGGACCAGATTAGTTTTTCATTGATGAAAAAAGTGATGGATTTGTT
AAAGGGCTGGGTTTACCCTGGTCTAATCAAAAGTAACTACTTTTTTCACTACCTAAACAA
F P D P N G T R L V F I D E K S D G F V>

1750 1760 1770 1780 1790 1800
TACTGTCCAGTCAATGACGCTACCTATGAGATTCCAGATTTTTCACCAACCATTAAGGT
ATGACAGGTCAGTTACTGCGATGGATACTCTAAGGTCTAAAAAGTGTTGGTAATTTCCA
Y C P V N D A T Y E I P D F S P T I K G>

1810 1820 1830 1840 1850 1860
GTTCTTTGGGAAAACTGGCCAATGGATAAAGGTGTATTTATTGCTTATGATGATGATAAG
CAAGAAACCCTTTTGACCGGTTACCTATTTCCACATAAATAACGAATACTACTACTATTC
V L W E N W P M D K G V F I A Y D D D K>

1870 1880 1890 1900 1910 1920
GTGTACACTTATGTCTTTCACAAGGACACTATACAAGGAGCCAAGGTTATTTTGGCTGGT
CACATGTGAATACAGAAAGTGTTCTGTGATATGTTCTCGGTTCCAATAAAACCGACCA
V Y T Y V F H K D T I Q G A K V I L A G>

Figure 1D

1930 1940 1950 1960 1970 1980
 AGCACCAAAGTTCCTTTTGCTCATAAACCTTTGCTGCTATATAATGGAGAGCTGACCTGC
 TCGTGGTTTTCAAGGAAAACGAGTATTTGGAAACGACGATATATTACCTCTCGACTGGACG
 S T K V P F A H K P L L L Y N G E L T C>
 1990 2000 2010 2020 2030 2040
 CAAACACAGAGTGGAAGTAAACAACATCTACCTTAGCACCCATGGCTTTCTCAGCAAC
 GTTTGTGTCTCACCTTTTCATTTGTTGTAGATGGAATCGTGGGTACCGAAAGAGTCGTTG
 Q T Q S G K V N N I Y L S T H G F L S N>
 2050 2060 2070 2080 2090 2100
 TTAAAAGATASGGGGCCTGACGAACTGAGACCAATGCTGGCACACAATTTAATGCTAAAG
 AATTTTCTATSCCCCGGACTGCTTGACTCTGGTTACGACCGTGTGTTAAATTACGATTTC
 L K D X G P D E L R P M L A H N L M L K>
 2110 2120 2130 2140 2150 2160
 AGGTTTTCTGATGCTTGGGAAATGTGCAGGATTCTGAATGATGAGGCTGCCTGGAATGAG
 TCCAAAAGACTACGAACCCTTTACACGTCCTAAGACTTACTACTCCGACGGACCTTACTC
 R F S D A W E M C R I L N D E A A W N E>
 2170 2180 2190 2200 2210 2220
 TTGGCCAGAGCTTGTCTACATCACATGGAAGTGGAGTTTGCAATCCGTGTTTATCGGAGA
 AACCGGTCTCGAACAGATGTAGTGTACCTTCACCTCAAACGTTAGGCACAAATAGCCTCT
 L A R A C L H H M E V E F A I R V Y R R>
 2230 2240 2250 2260 2270 2280
 ATTGGAAATGTTGGCATAGTGATGTCCTTGGAAACAAATAAAGGGAATAGAGGACTACAAT
 TAACCTTTACAACCGTATCACTACAGGAACCTTGTTTATTTCCCTTATCTCCTGATGTTA
 I G N V G I V M S L E Q I K G I E D Y N>
 2290 2300 2310 2320 2330 2340
 CTTTTGGCAGGACACCTTGCCATGTTTACCAACGATTATAACCTGGCTCAGGACTTGTTAC
 GAAACCGTCTGTGGAACGGTACAAATGGTTGCTAATATTGGACCGAGTCTCTGAACATG
 L L A G H L A M F T N D Y N L A Q D L Y>
 2350 2360 2370 2380 2390 2400
 CTTGCATCCAGCTGTCCTATTGCTGCCCTGGAGATGAGAAGGGATTTACAGCATTGGGAC
 GAACGTAGGTCGACAGGATAACGACGGGACCTCTACTCTTCCCTAAATGTCGTAACCTG
 L A S S C P I A A L E M R R D L Q H W D>
 2410 2420 2430 2440 2450 2460
 AGTGCTCTACAACTGGCAAAGCATTGCGCCCGAGACCAGATACCTTTTATATCAAAAGAA
 TCACGAGATGTTGACCGTTTCGTAAACCGGGGTCTGGTCTATGGAAAATATAGTTTTCTT
 S A L Q L A K H L A P D Q I P F I S K E>
 2470 2480 2490 2500 2510 2520
 TATGCTATTCAGCTTGAATTCGCGGGTGATTATGTAAATGCTTTGGCTCATTATGAGAAA
 ATACGATAAGTCGAACTTAAGCGCCCTAATACATTTACGAAACCGAGTAATACTCTTT
 Y A I Q L E F A G D Y V N A L A H Y E K>

Figure 1E

2530 2540 2550 2560 2570 2580
 GGAATAACAGGTGATAATAAGGAACATGATGAAGCTTGTCTGGCTGGAGTGGCCCAGATG
 CCTTATTGTCCACTATTATTCCTTGTACTACTTCGAACAGACCGACCTCACCGGGTCTAC
 G I T G D N K E H D E A C L A G V A Q M>
 2590 2600 2610 2620 2630 2640
 TCCATAAGAATGGGAGACATACGTCGAGGGGTAAACCAAGCCCTCAAGCATCCCAGCAGG
 AGGTATTCTTACCCTCTGTATGCAGCTCCCCAATTGGTTTCGGGAGTTCGTAGGGTCGTCC
 S I R M G D I R R G V N Q A L K H P S R>
 2650 2660 2670 2680 2690 2700
 GTCCTTAAAAGAGACTGTGGAGCCATATTGGAGAATATGAAGCAATTTTCAGAAGCGGCC
 CAGGAATTTTCTCTGACACCTCGGTATAACCTCTTATACTTCGTAAAAGTCTTCGCCGG
 V L K R D C G A I L E N M K Q F S E A A>
 2710 2720 2730 2740 2750 2760
 CAACTGTATGAAAAGGTCTCTACTACGATAAAGCAGCATCTGTTTACATCCGCTCTAAG
 GTTGACATACTTTTCCAGAGATGATGCTATTTTCGTCGTAGACAAATGTAGGCGAGATTC
 Q L Y E K G L Y Y D K A A S V Y I R S K>
 2770 2780 2790 2800 2810 2820
 AATTGGGCAAAGTTGGTGATCTTCTGCCCCACGTTTCTTCTCCTAAGATCCATTTGCAG
 TTAACCCGTTTTCAACCACTAGAAGACGGGGTGCAAAGAAGAGGATTCTAGGTAAACGTC
 N W A K V G D L L P H V S S P K I H L Q>
 2830 2840 2850 2860 2870 2880
 TATGCCAAAGCCAAGGAAGCAGATGGAAGATACAAAGAAGCTGTTGTAGCTTATGAAAAT
 ATACGGTTTTCGGTTCCCTTCGTCTACCTTCTATGTTTCTTCGACAACATCGAATACTTTTA
 Y A K A K E A D G R Y K E A V V A Y E N>
 2890 2900 2910 2920 2930 2940
 GCAAAACAGTGGCAAAGTGTAATCCGCATCTATCTGGATCACCTCAATAATCCTGAAAAA
 CGTTTTGTACCGTTTCACATTAGGCGTAGATAGACCTAGTGGAGTTATTAGGACTTTTT
 A K Q W Q S V I R I Y L D H L N N P E K>
 2950 2960 2970 2980 2990 3000
 GCTGTCAATATTGTTAGAGAGACCCAGTCTCTGGATGGAGCCAAAATGGTAGCCAGGTTT
 CGACAGTTATAACAATCTCTCTGGGTGAGAGACCTACCTCGGTTTTACCATCGGTCCAAA
 A V N I V R E T Q S L D G A K M V A R F>
 3010 3020 3030 3040 3050 3060
 TTTCTACAGCTTGGTGAATATGGGTCTGCCATCCAGTTTCTTGTTCATGTCCAAATGCAAC
 AAAGATGTGAACCACTGATACCCAGACGGTAGGTCAAAGAACAGTACAGGTTTACGTTG
 F L Q L G D Y G S A I Q F L V M S K C N>

Figure 1F

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3070 3080 3090 3100 3110 3120
AATGAAGCTTTTCACTGGCTCAGCAACACAACAAAATGGAAATCTATGCAGATATTATT
TTACTTCGAAAGTGTGACCGAGTCGTTGTGTTGTTTTACCTTTAGATACGTCTATAATAA
N E A F T L A Q Q H N K M E I Y A D I I>

3130 3140 3150 3160 3170 3180
GGTTCTGAAGACACTACTAATGAAGACTATCAAAGCATTGCCTTATACTTTGAAGGAGAA
CCAAGACTTCTGTGATGATTACTTCTGATAGTTTCGTAACGGAATATGAACTTCCTCTT
G S E D T T N E D Y Q S I A L Y F E G E>

3190 3200 3210 3220 3230 3240
AAGAGATATCTTCAGGCTGGAAAATTCTTCTTGCTGTGTGGCCAATATTCACGAGCACTT
TTCTCTATAGAAGTCCGACCTTTTAAGAAGAACGACACACCGGTTATAAGTGCTCGTGAA
K R Y L Q A G K F F L L C G Q Y S R A L>

3250 3260 3270 3280 3290 3300
AAACACTTCCTGAAATGCCCAAGCTCGGAAGATAATGTGGCAATAGAAATGGCAATTGAA
TTTGTGAAGGACTTTACGGGTTTCGAGCCTTCTATTACACCGTTATCTTTACCGTTAACTT
K H F L K C P S S E D N V A I E M A I E>

3310 3320 3330 3340 3350 3360
ACTGTTGGTCAGGCCAAAGATGAACTGCTGACCAATCAGCTGATAGACCATCTCCTGGGG
TGACAACCAGTCCGGTTTCTACTTGACGACTGGTTAGTCGACTATCTGGTAGAGGACCCC
T V G Q A K D E L L T N Q L I D H L L G>

3370 3380 3390 3400 3410 3420
GAGAACGATGGCATGCCTAAGGATGCCAAGTACCTGTTCCGCTTGACATGGCTCTGAAG
CTCTTGCTACCGTACGGATTCCCTACGGTTCATGGACAAGGCGAACATGTACCGAGACTTC
E N D G M P K D A K Y L F R L Y M A L K>

3430 3440 3450 3460 3470 3480
CAATACCGAGAAGCTGCCCAGACTGCCATCATCATTGCCAGAGAAGAGCAGTCTGCAGGC
GTTATGGCTCTTCGACGGGTCTGACGGTAGTAGTAACGGTCTCTTCTCGTCAGACGTCCG
Q Y R E A A Q T A I I I A R E E Q S A G>

3490 3500 3510 3520 3530 3540
AACTACCGGAATGCACACGATGTTCTCTTCAGTATGTATGCAGAACTGAAATCCCAGAAG
TTGATGGCCTTACGTGTGCTACAAGAGAAGTCATACATACGTCTTGACTTTAGGGTCTTC
N Y R N A H D V L F S M Y A E L K S Q K>

Figure 1G

3550 3560 3570 3580 3590 3600
ATCAAAATTCCTCCGAGATGGCCACCAACCTCATGATTCTGCACAGCTATATACTAGTA
TAGTTTTAAGGGAGGCTCTACCGGTGGTTGGAGTACTAAGACGTGTCGATATATGATCAT
I K I P S E M A T N L M I L H S Y I L V>

3610 3620 3630 3640 3650 3660
AAGATTCATGTTAAAAATGGAGATCACATGAAAGGGGCTCGCATGCTCATTGCGGTGGCC
TTCTAAGTACAATTTTTACCTCTAGTGTACTTTCCCCGAGCGTACGAGTAAGCCCACCGG
K I H V K N G D H M K G A R M L I R V A>

3670 3680 3690 3700 3710 3720
AACAACATCAGCAAATTTCCATCACACATTGTACCCATCCTGACGTCAACTGTGATTGAG
TTGTTGTAGTCGTTTAAAGGTAGTGTGTAACATGGGTAGGACTGCAGTTGACACTAACTC
N N I S K F P S H I V P I L T S T V I E>

3730 3740 3750 3760 3770 3780
TGTCACAGGGCAGGCCTGAAGAACTCTGCTTTCAGCTTCGCAGCTATGTTGATGAGGCCT
ACAGTGTCCCGTCCGGACTTCTTGAGACGAAAGTCGAAGCGTCGATACAATACTACTCCGGA
C H R A G L K N S A F S F A A M L M R P>

3790 3800 3810 3820 3830 3840
GAATACCGCAGCAAAATAGATGCCAAATACAAAAGAAGATCGAGGGAATGGTCAGGAGA
CTTATGGCGTCGTTTTATCTACGGTTTATGTTTTTCTTCTAGCTCCCTTACCAGTCTCT
E Y R S K I D A K Y K K K I E G M V R R>

3850 3860 3870 3880 3890 3900
CCCGATATATCTGAGATAGAAGAGGCCACGACTCCATGTCCATTCTGCAAATTTCTTCTC
GGGCTATATAGACTCTATCTTCTCCGGTGCTGAGGTACAGGTAAGACGTTTAAAGAAGAG
P D I S E I E E A T T P C P F C K F L L>

3910 3920 3930 3940 3950 3960
CCAGAGTGTGAACTCCTCTGTCCTGGATGTAAAAACAGTATCCCATATTGCATTGCAACA
GGTCTCACACTTGAGGAGACAGGACCTACATTTTTGTGTCATAGGGTATAACGTAACGTTGT
P E C E L L C P G C K N S I P Y C I A T>

3970 3980 3990 4000 4010 4020
GGTCGACACATGTTGAAAGATGACTGGACGGTGTGTCCACATTGTGACTTCCCTGCTCTA
CCAGCTGTGTACAACCTTTCTACTGACCTGCCACACAGGTGTAACACTGAAGGGACGAGAT
G R H M L K D D W T V C P H C D F P A L>

Figure 1H

4030 4040 4050 4060 4070 4080
TACTCAGAATTGAAGATCATGCTAAACACTGAAAGCACATGTCCTATGTGTTTCAGAAAGA
ATGAGTCTTAACTTCTAGTACGATTTGTGACTTTCGTGTACAGGATACACAAGTCTTTCT
Y S E L K I M L N T E S T C P M C S E R>

4090 4100 4110 4120 4130 4140
TTAAACGCTGCTCAGCTGAAAAAGATTTTCAGACTGTACCCAGTACCTGCCAACGGAGGAG
AATTTGCGACGAGTCGACTTTTTCTAAAGTCTGACATGGGTCATGGACGCTTGCCCTCCTC
L N A A Q L K K I S D C T Q Y L R T E E>

4150 4160 4170 4180 4190 4200
GAACTGTGATTGGCAGTGCAGATACAATGCTCCTGAGAAGACAGCATTTTCCACAGGAG
CTTGACACTAACCGTGCACGTCTATGTTACGAGGACTCTTCTGTCGTAAAAGGTGTCCTC
E L>
_____>

4210 4220 4230 4240 4250 4260
GCTGTTTCCCTCCCCTGGTGGATTTAAGAGACGGTCCTTTCTGGATACAGAGAAATGAAAC
CGACAAAGGAGGGGACCACCTAAATTCTCTGCCAGGAAAGACCTATGTCTCTTTACTTTG

4270 4280 4290 4300 4310 4320
AACGGTGACCTCTCCAGGTCGGCACTTTCCACTTCTGTACGGTGGCAAAACGATGACATG
TTGCCACTGGAGAGGTCCAGCCGTGAAAGGTGAAGACATGCCACCGTTTTGCTACTGTAC

4330 4340 4350 4360 4370 4380
TAACCTTGCTGTTTATTGTACTTTGTATATTATTCCTCTTCAAAGTCTTTCTTACACAC
ATTGGAACGACAAATAACATGAAACATATAATAAAGGAGAAGTTTCAGAAAGAATGTGTG

4390 4400 4410 4420 4430 4440
TCTATCCTCTGCACTGTTAATAGTAACCTATGACATAATTGTAAATATTCAGCTTTTTGC
AGATAGGAGACGTGACAATTATCATTGGATACTGTATTAACATTTATAAGTCGAAAAACG

4450 4460 4470 4480 4490 4500
TAACTTTTGTATTTTGAAAACTTTAAAATAAAATTGTTGACTAGAAAAA
ATTGAAACATAAACTTTTTGAAATTTTATTTTAACTGATCTTTTTTTTTTTTTT

Figure 1I

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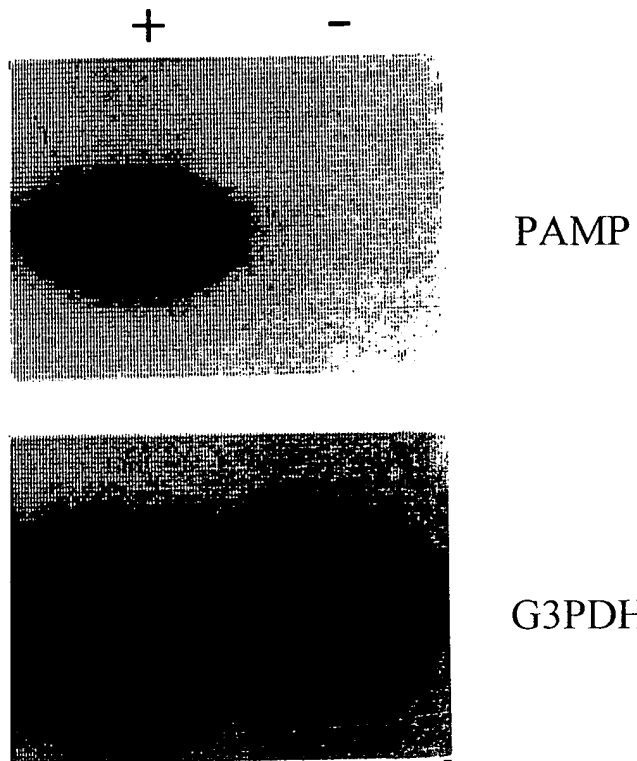


Figure 2A

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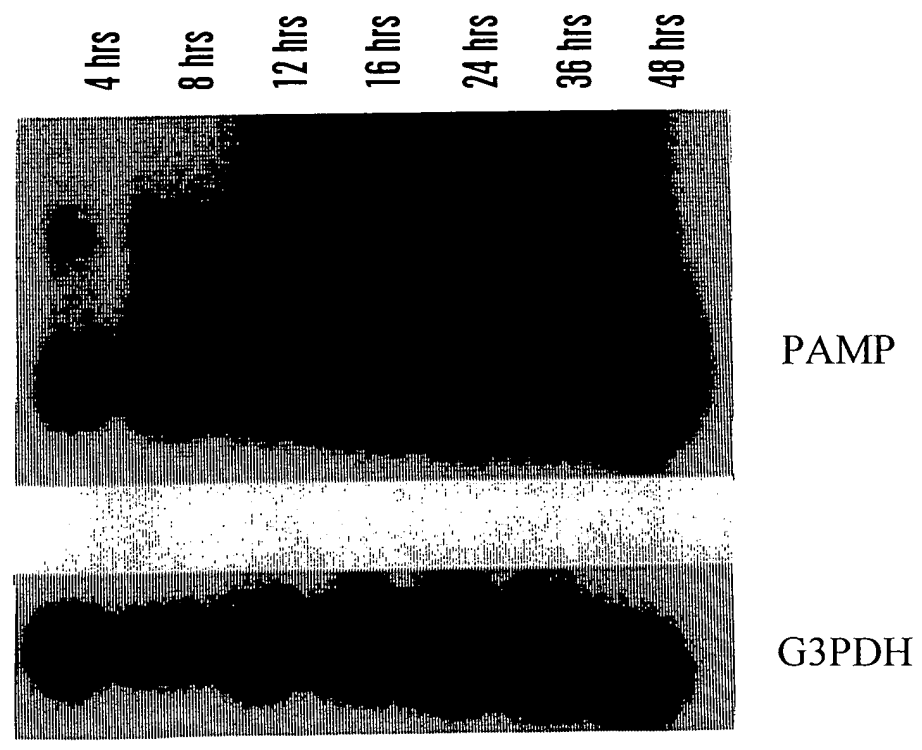


Figure 2B



Heart
Brain
Placenta
Lung
Liver
Skeletal Muscle
Kidney
Pancreas

Figure 3A



Spleen
Thymus
Prostate
Testis
Ovary
Small Intestine
Colon
PB Leukocyte

Figure 3B

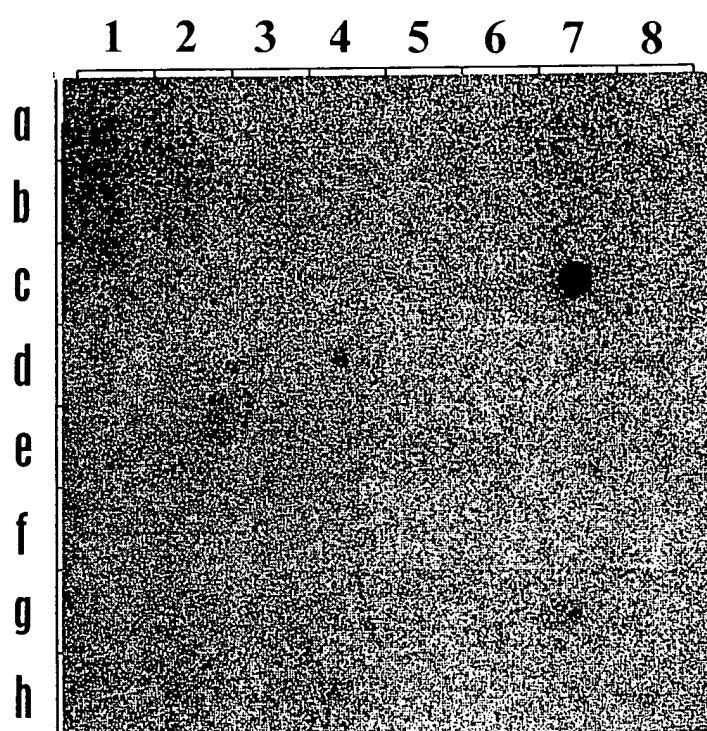


Figure 4

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Figure 5A

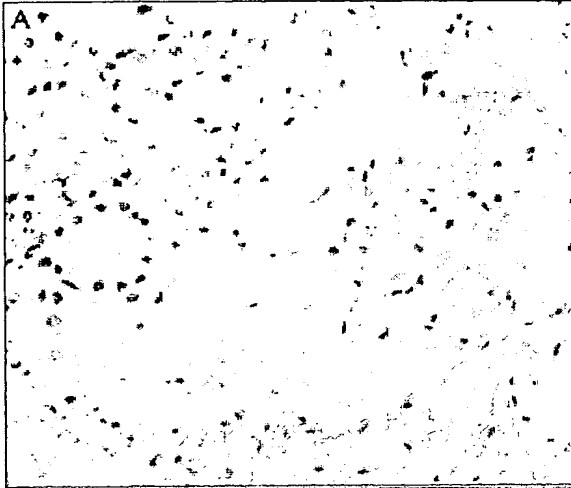


Figure 5B

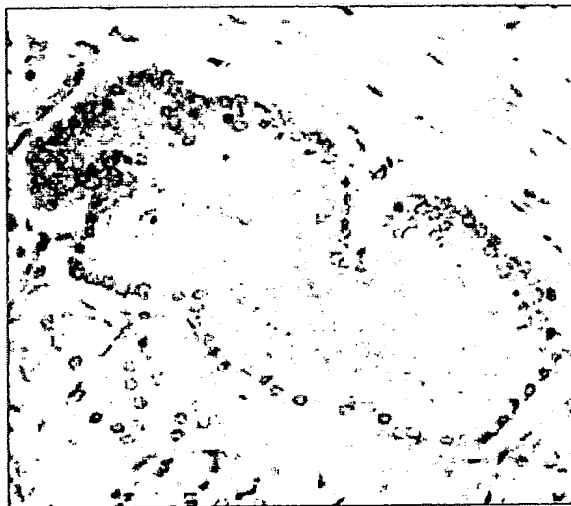
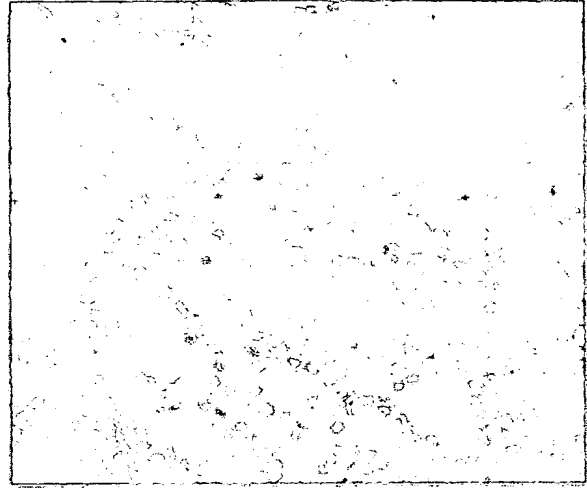


Figure 5C



Figure 5D